L Number	Hits	Search Text	DB	Time stamp
7	637	349/129	USPAT;	2004/10/13 11:11
	-		US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
8	850	349/123	USPAT;	2004/10/13 11:11
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
9	491	349/130	USPAT;	2004/10/13 11:11
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
10	90	349/127	USPAT;	2004/10/13 11:11
			US-PGPUB;	
:			EPO; JPO;	
			DERWENT;	
4.4	222	240/420	IBM_TDB	2004/40/42 44
11	322	349/128	USPAT;	2004/10/13 11:11
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
12	1	(((liquid near3 crystal near3 display) or lcd) and	IBM_TDB USPAT;	2004/10/13 11:12
12		substrate and (vertical near4 align\$4) and volt\$4	US-PGPUB;	2004/10/13 11:12
		and ((picture near3 element) or pixel) and ((liquid	EPO; JPO;	
		near3 crystal) near4 (layer or sheet or film or	DERWENT;	
		plate)) and (domain near4 direction)) and	IBM_TDB	
		(subdomain or sub\$1domain)	15.1_155	
13	1754	349/129 or 349/123 or 349/130 or 349/127 or	USPAT;	2004/10/13 11:12
		349/128	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
14	1	((((liquid near3 crystal near3 display) or lcd) and	USPAT;	2004/10/13 11:21
		substrate and (vertical near4 align\$4) and volt\$4	US-PGPUB;	
		and ((picture near3 element) or pixel) and ((liquid	EPO; JPO;	
		near3 crystal) near4 (layer or sheet or film or	DERWENT;	
		plate)) and (domain near4 direction)) and	IBM_TDB	
		(subdomain or sub\$1domain)) and (349/129 or		
	107	349/123 or 349/130 or 349/127 or 349/128)	UCDAT	2004//2//2
-	107	((liquid near3 crystal near3 display) or lcd) and	USPAT;	2004/10/13 11:11
		substrate and (vertical near4 align\$4) and volt\$4	US-PGPUB;	
		and ((picture near3 element) or pixel) and ((liquid near "3" crystal) near4 (layer or sheet or film or	EPO; JPO;	
		plate)) and (domain near4 direction)	DERWENT;	
1_	107	((liquid near3 crystal near3 display) or lcd) and	IBM_TDB USPAT;	2003/07/07 12:20
	10,	substrate and (vertical near4 align\$4) and volt\$4	US-PGPUB;	2003/07/07 13:28
		and ((picture near3 element) or pixel) and ((liquid	EPO; JPO;	
		near3 crystal) near4 (layer or sheet or film or	DERWENT;	
		plate)) and (domain near4 direction)	IBM_TDB	
-	1	(((liquid near3 crystal near3 display) or lcd) and	USPAT;	2004/10/13 11:12
	-	substrate and (vertical near4 align\$4) and volt\$4	US-PGPUB;	
	İ	and ((picture near3 element) or pixel) and ((liquid	EPO; JPO;	
		near3 crystal) near4 (layer or sheet or film or	DERWENT;	
		plate)) and (domain near4 direction)) and	IBM_TDB	
		(subdomain or sub\$1domain)	<u> </u>	

-	5	(((liquid near3 crystal near3 display) or lcd) and	USPAT;	2003/07/16 12:44
		substrate and (vertical near4 align\$4) and volt\$4	US-PGPUB;	
		and ((picture near3 element) or pixel) and ((liquid	EPO; JPO;	
		near3 crystal) near4 (layer or sheet or film or	DERWENT;	
		plate)) and (domain near4 direction)) and	IBM_TDB	
		perpendicular and area and row and column and		
	_	(black near3 mode)		
-	5	(6288762, "5579141").pn.	USPAT;	2003/07/07 13:34
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	2	("5825448" "6040885").PN.	USPAT	2003/07/07 13:36
-	20	("3854793" "3947185" "3967883" "4247174"	USPAT	2003/07/07 13:36
		"4252415" "4840460" "4878742" "4930876"		
		"5073294" "5172255" "5198917" "5223963"		
		"5231039" "5280375" "5303076" "5309264"		
		"5321537" "5398127" "5416619"		
		"5453862").PN.		
-	424	349/129	USPAT;	2003/07/07 13:38
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	645	349/123	USPAT;	2003/07/07 13:38
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	362	349/130	USPAT;	2003/07/07 13:39
			US-PGPUB;	
ŀ			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	74	349/127	USPAT;	2003/07/07 13:39
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		240/100	IBM_TDB	
-	261	349/128	USPAT;	2003/07/07 13:39
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	_	Sahama as and banashtha tu sahah sahama	IBM_TDB	
-	0	sharp.as. and terashita.in. and kido.in. and lcd	USPAT;	2003/07/16 12:45
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		about as and abinish to sold to	IBM_TDB	2002/07/46
-	15	sharp.as. and shinichi.in. and Icd	USPAT;	2003/07/16 12:46
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_		charn as and massamilia and lad	IBM_TDB	2002/07/46 42 47
1	6	sharp.as. and masami.in. and lcd	USPAT;	2003/07/16 12:47
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
L			IBM_TDB	

-	491	349/\$6 and (clockwise near6 (align\$4 or rotat\$4 or spin\$4))	USPAT; US-PGPUB;	2004/02/12 13:29
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	134	(349/\$6 and (clockwise near6 (align\$4 or rotat\$4	USPAT;	2004/02/12 13:29
		or spin\$4))) and domain	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	561	349/\$6 and (clockwise near6 (align\$4 or rotat\$4 or	USPAT;	2004/02/12 13:29
		spin\$4 or twist))	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	601	349/\$6 and (clockwise near6 (align\$4 or rotat\$4 or	IBM_TDB USPAT;	2004/02/12 13:30
	001	spin\$4 or twist\$4))	US-PGPUB;	2004/02/12 13:30
	1	spirited of twister))	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	164	(349/\$6 and (clockwise near6 (align\$4 or rotat\$4	USPAT;	2004/02/12 13:29
		or spin\$4 or twist\$4))) and domain	US-PGPUB;	200 1, 02, 22 20125
			EPO; JPO;	
	1		DERWENT;	
			IBM_TDB	
_	492	349/\$6 and (counter\$1clockwise near6 (align\$4 or	USPAT;	2004/02/12 13:30
		rotat\$4 or spin\$4 or twist\$4))	US-PGPUB;	
			EPO; JPO;	
		·	DERWENT;	
1		(240/46 1/4 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	IBM_TDB	
_	393	(349/\$6 and (clockwise near6 (align\$4 or rotat\$4	USPAT;	2004/02/12 13:30
		or spin\$4 or twist\$4))) and (349/\$6 and	US-PGPUB;	
•		(counter\$1clockwise near6 (align\$4 or rotat\$4 or spin\$4 or twist\$4)))	EPO; JPO;	
		ן איוויקד טו ניייוסנקדן))	DERWENT; IBM_TDB	
_	108	((349/\$6 and (clockwise near6 (align\$4 or rotat\$4	USPAT;	2004/02/12 13:30
		or spin\$4 or twist\$4))) and (349/\$6 and	US-PGPUB;	2007/02/12 13.30
		(counter\$1clockwise near6 (align\$4 or rotat\$4 or	EPO; JPO;	
		spin\$4 or twist\$4)))) and domain	DERWENT;	
			IBM_TDB	
-	27	(((349/\$6 and (clockwise near6 (align\$4 or rotat\$4	USPAT;	2004/02/12 13:30
		or spin\$4 or twist\$4))) and (349/\$6 and	US-PGPUB;	
		(counter\$1clockwise near6 (align\$4 or rotat\$4 or	EPO; JPO;	İ
		spin\$4 or twist\$4)))) and domain) and substrate	DERWENT;	
		and (vertical near6 align\$4)	IBM_TDB	2004/25/15
-	525	349/129	USPAT;	2004/02/12 14:03
	į		US-PGPUB;	ļ
			EPO; JPO;	
			DERWENT;	
_	725	349/123	IBM_TDB USPAT;	2004/02/12 14:04
	,25	0.5/225	US-PGPUB;	2007/02/12 14.04
}			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	418	349/130	USPAT;	2004/02/12 14:04
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
L	<u></u>		IBM_TDB	

-	79	349/127	USPAT;	2004/02/12 14:04
,			US-PGPUB,	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	284	349/128	USPAT;	2004/02/12 14:04
]			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	

L Number	Hits	Search Text	DB	Time stamp
7	637	349/129	USPAT;	2004/10/13 11:11
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
8	850	349/123	USPAT;	2004/10/13 11:11
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
9	491	349/130	USPAT;	2004/10/13 11:11
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
10	00	240/427	IBM_TDB	
10	90	349/127	USPAT;	2004/10/13 11:11
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
11	322	349/128	IBM_TDB	2004/10/12 11:11
**	322	343/126	USPAT; US-PGPUB;	2004/10/13 11:11
1			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
12	1	(((liquid near3 crystal near3 display) or lcd) and	USPAT;	2004/10/13 11:12
	-	substrate and (vertical near4 align\$4) and volt\$4	US-PGPUB;	2004/10/13 11:12
		and ((picture near3 element) or pixel) and ((liquid	EPO; JPO;	
[near3 crystal) near4 (layer or sheet or film or	DERWENT;	
		plate)) and (domain near4 direction)) and	IBM_TDB	
		(subdomain or sub\$1domain)		
13	1754	349/129 or 349/123 or 349/130 or 349/127 or	USPAT;	2004/10/13 11:12
		349/128	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
14	1	((((liquid near3 crystal near3 display) or lcd) and	USPAT;	2004/10/13 11:21
		substrate and (vertical near4 align\$4) and volt\$4	US-PGPUB;	
		and ((picture near3 element) or pixel) and ((liquid	EPO; JPO;	
		near3 crystal) near4 (layer or sheet or film or	DERWENT;	
		plate)) and (domain near4 direction)) and	IBM_TDB	
		(subdomain or sub\$1domain)) and (349/129 or		
_	107	349/123 or 349/130 or 349/127 or 349/128)	UCDAT:	2004/10/42 44:44
=	107	((liquid near3 crystal near3 display) or lcd) and substrate and (vertical near4 align\$4) and volt\$4	USPAT;	2004/10/13 11:11
		and ((picture near3 element) or pixel) and ((liquid	US-PGPUB;	
		near "3" crystal) near4 (layer or sheet or film or	EPO; JPO; DERWENT;	
		plate)) and (domain near4 direction)	IBM_TDB	
-	107	((liquid near3 crystal near3 display) or lcd) and	USPAT;	2003/07/07 13:28
	20,	substrate and (vertical near4 align\$4) and volt\$4	US-PGPUB;	2003/07/07 13.20
		and ((picture near3 element) or pixel) and ((liquid	EPO; JPO;	
	i	near3 crystal) near4 (layer or sheet or film or	DERWENT;	
		plate)) and (domain near4 direction)	IBM_TDB	
-	1	(((liquid near3 crystal near3 display) or lcd) and	USPAT;	2004/10/13 11:12
		substrate and (vertical near4 align\$4) and volt\$4	US-PGPUB;	, , ===================================
		and ((picture near3 element) or pixel) and ((liquid	EPO; JPO;	
		near3 crystal) near4 (layer or sheet or film or	DERWENT;	
		plate)) and (domain near4 direction)) and	IBM_TDB	
		(subdomain or sub\$1domain)		

Substrate and (vertical near4 aligns and volts and (picture near3 element) or pixel) and (domain near4 direction) and perpendicular and area and row and column and (black near3 mode) (6288762, "5579141").pn.					
plately and (domain near4 direction)) and perpendicular and area and row and column and (black near3 mode) (6288762, "5579141").pn. USPAT; US-PGPUB; PPO; JPO; DERWENT; IBM_IDB USPAT	-	5	substrate and (vertical near4 align\$4) and volt\$4 and ((picture near3 element) or pixel) and ((liquid	US-PGPUB; EPO; JPO;	2003/07/16 12:44
- 5 (6288762, "5579141").pn. USPAT; U			plate)) and (domain near4 direction)) and perpendicular and area and row and column and		
- 20 ("585448" "6040885").PN.	-	5		US-PGPUB; EPO; JPO; DERWENT;	2003/07/07 13:34
- 424 349/129 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; U	-	1	("3854793" "3947185" "3967883" "4247174" "4252415" "4840460" "4878742" "4930876" "5073294" "5172255" "5198917" "5223963" "5231039" "5280375" "5303076" "5309264" "5321537" "5398127" "5416619"	USPAT	2003/07/07 13:36 2003/07/07 13:36
- 645 349/123 USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPĀT; U	-	424		US-PGPUB; EPO; JPO; DERWENT;	2003/07/07 13:38
- 74 349/127	_	645	349/123	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/07/07 13:38
- 74 349/127 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US	-	362	349/130	USPAT; US-PGPUB; EPO; JPO;	2003/07/07 13:39
- 261 349/128	-	74	349/127	USPAT; US-PGPUB; EPO; JPO;	2003/07/07 13:39
sharp.as. and terashita.in. and kido.in. and lcd sharp.as. and terashita.in. and kido.in. and lcd USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	-	261	349/128	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/07/07 13:39
- 15 sharp.as. and shinichi.in. and lcd	-	0	sharp.as. and terashita.in. and kido.in. and lcd	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/07/16 12:45
- 6 sharp.as. and masami.in. and lcd USPAT; 2003/07/16 12:47 US-PGPUB; EPO; JPO;	-	15	sharp.as. and shinichi.in. and lcd	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/07/16 12:46
IBM_TDB	-	6	sharp.as. and masami.in. and lcd	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/07/16 12:47

-	491	349/\$6 and (clockwise near6 (align\$4 or rotat\$4 or spin\$4))	USPAT; US-PGPUB;	2004/02/12 13:29
Ì	ĺ		EPO; JPO;	
ł	}		DERWENT;	
			IBM_TDB	
-	134	(349/\$6 and (clockwise near6 (align\$4 or rotat\$4	USPAT;	2004/02/12 13:29
1		or spin\$4))) and domain	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	561	349/\$6 and (clockwise near6 (align\$4 or rotat\$4 or	USPAT;	2004/02/12 13:29
		spin\$4 or twist))	US-PGPUB;	
			EPO; JPO;	
		*	DERWENT;	
	601	240/46 and (clockwise near) (align#4 or retat#4 or	IBM_TDB	2004/02/12 12:20
-	801	349/\$6 and (clockwise near6 (align\$4 or rotat\$4 or	USPAT;	2004/02/12 13:30
	İ	spin\$4 or twist\$4))	US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	164	(349/\$6 and (clockwise near6 (align\$4 or rotat\$4	USPAT;	2004/02/12 13:29
]	or spin\$4 or twist\$4))) and domain	US-PGPUB;	2007/02/12 13.23
		are aping v or among typy and domain	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	492	349/\$6 and (counter\$1clockwise near6 (align\$4 or	USPAT;	2004/02/12 13:30
		rotat\$4 or spin\$4 or twist\$4))	US-PGPUB;	,,
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	393	(349/\$6 and (clockwise near6 (align\$4 or rotat\$4	USPAT;	2004/02/12 13:30
		or spin\$4 or twist\$4))) and (349/\$6 and	US-PGPUB;	
		(counter\$1clockwise near6 (align\$4 or rotat\$4 or	EPO; JPO;	
		spin\$4 or twist\$4)))	DERWENT;	
	100	(/240/f6 and (clockwise name (align#4 as setab#4	IBM_TDB	2004/02/12 12:20
	108	((349/\$6 and (clockwise near6 (align\$4 or rotat\$4 or spin\$4 or twist\$4))) and (349/\$6 and	USPAT;	2004/02/12 13:30
		(counter\$1clockwise near6 (align\$4 or rotat\$4 or	US-PGPUB; EPO; JPO;	
	i	spin\$4 or twist\$4)))) and domain	DERWENT;	
		Tep	IBM_TDB	·
_	27	(((349/\$6 and (clockwise near6 (align\$4 or rotat\$4	USPAT;	2004/02/12 13:30
		or spin\$4 or twist\$4))) and (349/\$6 and	US-PGPUB;	
<u> </u>		(counter\$1clockwise near6 (align\$4 or rotat\$4 or	EPO; JPO;	
		spin\$4 or twist\$4)))) and domain) and substrate	DERWENT;	
		and (vertical near6 align\$4)	IBM_TDB	
-	525	349/129	USPAT;	2004/02/12 14:03
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	335	240/122	IBM_TDB	0004/00/
_	725	349/123	USPAT;	2004/02/12 14:04
			US-PGPUB;	
			EPO; JPO;	
:			DERWENT;	
_	418	349/130	IBM_TDB USPAT;	2004/02/12 14:04
	410	0.5/200	US-PGPUB;	2007/02/12 14:04
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	

-	79	349/127	USPAT;	2004/02/12 14:04
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
1			IBM_TDB	
-	284	349/128	USPAT;	2004/02/12 14:04
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	